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Docket No.: 04654/1200494-US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Balasubramanian Gopalan et al.

Application No.: 10/821,642

Confirmation No.: N/A

Filed: April 9, 2004

Art Unit: Not Yet Assigned

For: NOVEL HETEROCYCLIC COMPOUNDS  
USEFUL FOR THE TREATMENT OF  
INFLAMMATORY AND ALLERGIC  
DISORDERS: PROCESS FOR THEIR  
PREPARATION AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

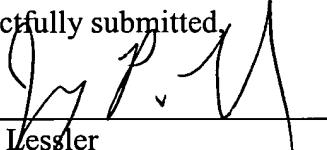
A copy of each document on the PTO/SB/08 (other than the cited U.S. patents) is attached. In a Notice published on August 5, 2003 (1276 Official Gazette 55), the USPTO waived the requirement for submitting copies of each cited U.S. patent and U.S. patent application

publication in an Information Disclosure Statement for all U.S. national patent applications filed after June 30, 2003. The present application was filed after June 30, 2003. Pursuant to the Notice, copies of the U.S. patents cited in the accompanying PTO/SB/O8 are not submitted herewith.

The undersigned is also enclosing herewith a copy of a Search Report issued June 11, 2004 by the European Patent Office for the PCT counterpart of the present patent application (PCT Application No. PCT/IB2004/000355), in which references AA and BA-BE were cited.

No fee is believed to be due with this submission. However, if any fee is due, the Commissioner is authorized to charge the fee up to \$2,000.00 to Deposit Account No. 04-0100.

Dated: August 20, 2004

Respectfully submitted,  
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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/821,642
(Use as many sheets as necessary)				Filing Date	April 9, 2004
				First Named Inventor	Balasubramanian Gopalan
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	04654/1200494-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1**		US-4,222,944	09-16-1980	Berger et al.	
2**		US-3,759,948	09-18-1973	Shen et al.	
3**		US-5,814,651	09-29-1998	Duplantier et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
4		DK 2,059,358	06-09-1971	Shen et al.	
5		EP 0 497 564 A1	08-05-1992	Ashton et al.	
6		EP 1 270 577 A1	01-02-2003	Kawano et al.	
7		WO 92/10476 A1	06-25-1992	Becker et al.	
8		WO 93/19747 A1	10-14-1993	Christensen et al.	
9		WO 94/02465 A1	02-03-1994	Fenton et al.	
10		WO 94/08995 A1	04-28-1994	Gaster et al.	
11		WO 94/20446 A1	09-15-1994	Warrelow et al.	
12		WO 95/01338 A1	01-12-1995	Flockerzi et al.	
13		WO 95/04046 A1	02-09-1995	Morley et al.	
14		WO 95/09837 A1	04-13-1995	Christensen et al.	
15		WO 95/20578 A1	08-03-1995	Fenton et al.	
16		WO 95/24381 A1	09-14-1995	Bordas-Nagy et al.	
17		WO 98/09934 A1	03-12-1998	O'Brien et al.	
18		WO 99/47545 A2	09-23-1999	Wannamaker et al.	
19		WO 01/70673 A2	09-27-2001	Duan et al.	
20		WO 01/70746 A1	09-27-2001	Kawano et al.	
21		WO 01/27107 A2	04-19-2001	Ahmad et al.	
22		WO 02/060867 A2	08-08-2002	Ayal-Hershkovitz et al.	
23		WO 02/072567 A2	09-19-2002	Subrahmanyam et al.	
24		WO 2004/016596 A1	02-26-2004	Thomas et al.	
25		WO 2004/022536 A1	03-18-2004	Thomas et al.	
26		WO 2004/037805 A1	05-06-2004	Balasubramanian et al.	
27		EP 62158253 (Abstract)	07-14-1987	Osawa	
28		GB -1,285,398	08-16-1972	Shen et al.	
29		GB -1,041,861	02-26-1963		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
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<i>(Use as many sheets as necessary)</i>				Filing Date	April 9, 2004
				First Named Inventor	Balasubramanian Gopalan
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	04654/1200494-US1

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	30	KOYAMA et al., Heterocycles 1981; 16(6):969-972		
	31	HULME et al., Bioorganic and Medicinal Chemistry Letters 1998; 8:175-178		
	32	SILVESTRE et al., Drugs of the Future 1998; 23(6):607-615		
	33	FOX et al., J. Med. Chem. 2002; 45(2):360-370		

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